iPazzPort® Pearl

Entertainment System

Model:SY-20-19VC

Rev. 1.0

Questions or Problems?
Don’t return it, Email us at
Techsupport@unisen-usa.com

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System Requirements:

- Monitor, Television or Projector with HDMI or RCA connectors
- A/C Power
- High Speed Internet Connection

Package Contents:

- iPazzPort Command Center
- iPazzPort Keyboard/Remote
- A/C Power Adaptor
- 4' HDMI Cable
- USB to Micro USB Cable
- 3.5 mm A/V to RCA Cable
- User Manual
- **iPazzPortWorldTV.com Trial Membership**

IMPORTANT OPERATING NOTE

As detailed in the “Connecting and Powering On” Section,
THE KEYBOARD MUST BE CHARGED FOR 4-6 HOURS PRIOR TO FIRST USE.

iPazzPort Pearl Entertainment System Introduction

The iPazzPort Pearl is a “plug and play” Entertainment System built on the latest Android Operating System. The unique design of the Pearl provides an easy to use Internet Experience complete with Integrated Voice Technology, pre-programmed Hot Keys for less typing and more surfing, 1080P HD Video, and the ability to do more with a keyboard and TV than you ever thought possible!

What Can I do with my iPazzPort Pearl?

- Watch Videos, TV & Movies
- Listen to Music
- Make Skype Calls with Video
- Facebook and Twitter
- Surf the Web
- Download Google Play Apps
- Play Games
- Use Office Applications
- Access Dropbox
- Use as an Alarm Clock
- View, edit and send Pictures
- Video Conferencing
- Take Pictures with Built-in 2 Mega Pixel Camera
- Create affordable Home Surveillance (with add'l app)
- Connect to Home Ent. System for enhanced Hifi enjoyment
- **Everything you can do on your tablet or smartphone and more!**

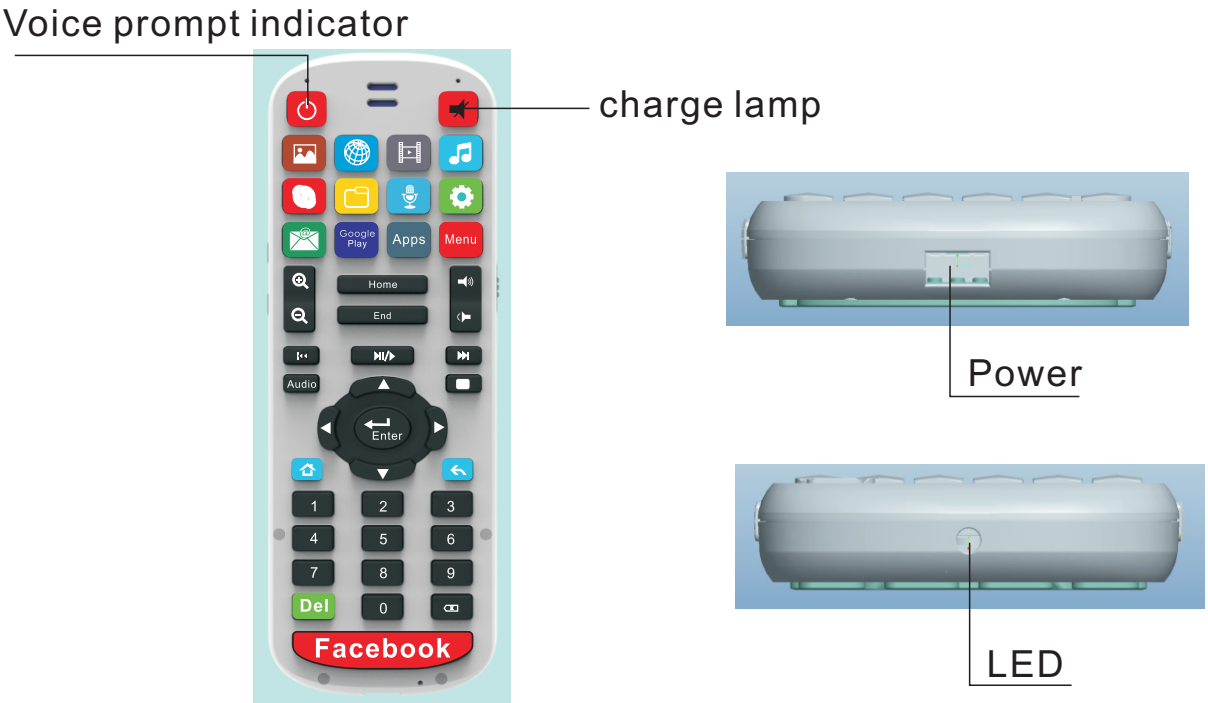
Features of the iPazzPort Pearl

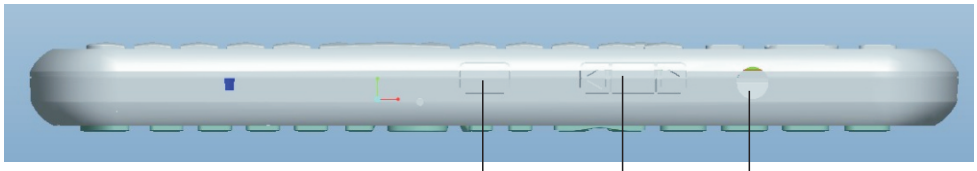
- Built in Microphone and Speaker with Interactive Voice Technology for Audio Playback, Skype Calls, and use with Voice Supported Applications
- Full Qwerty “Keyboard Side” with 10 Dedicated Function Keys and a Multi-touch, notebook quality touchpad with scrolling, pinch, zoom and page flip.
- Feature Rich “Remote Side” with Dedicated Hot Buttons for Popular Apps and Features, Volume +/-, Zoom, Number Pad and Multimedia Controls (Play, Pause, Skip, FF, Rew)
- Hot Buttons link to your favorite Internet locations like Facebook, Sky.FM, Skype and the Chrome browser; as well as shortcuts to frequently visited locations like Google Play, all Apps, E-mail, Settings and Directories.
- iPazzPort World TV is an interactive Internet content viewing experience that gives you access to thousands of channels from around the globe.

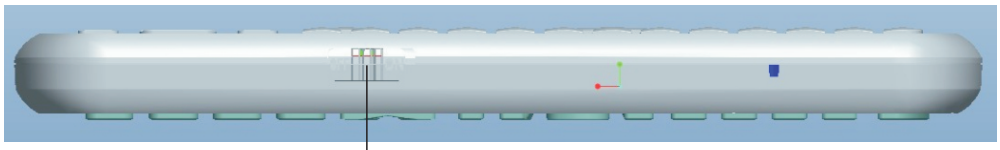
Pearl Command Center Overview:

1	Camera
2	Voice Keyboard Charging Portal
3	Voice Keyboard Front
4	Voice Keyboard Back
5	3.5mm AV Port
6	RJ 45 Ethernet Port
7	HDMI Port
8	Micro USB Port
9	A/C Power Supply
10	Two (2) USB Ports
11	Micro SD Slot

Pearl Keyboard Overview

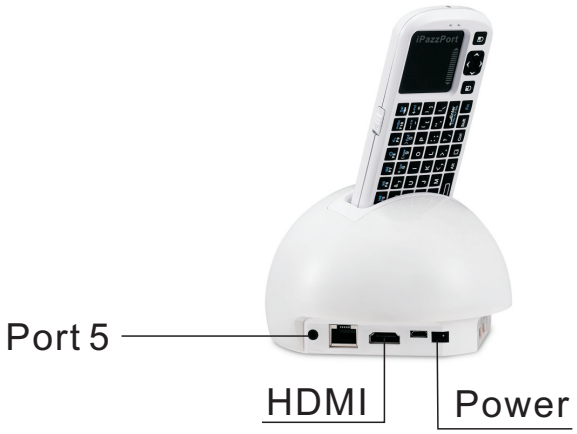






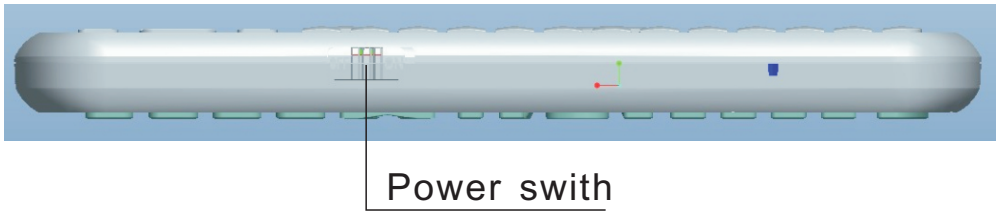
Connecting the Pearl Entertainment System to a TV and Powering On:

1. Connect HDMI (or RCA cable) to your TV (or Monitor or Projector).
2. Using your TV's “Input” or “source” button, select the input location being used (HDMI, Video 1, Auxiliary etc.)
3. Next, plug the HDMI cable into the back of the Pearl in Port #7 (also shown below). If using the RCA adapter, insert the cable into Port #5.
4. Insert the Power Supply into Port #9 **AND THEN PLUG THE POWER SUPPLY INTO YOUR ELECTRICAL OUTLET.**



Connecting and Powering on the Pearl Double Sided Keyboard:

1. Holding the keyboard in your hand with the Keyboard/Touchpad side up, slide the power switch down on the left hand side down to “ON”.
2. Flip the keyboard over so that the Remote Side is facing up and slide it into the opening on the top of the Pearl Command Center.
3. **ONCE IN THE CHARGING TERMINAL, ALLOW THE KEYBOARD TO CHARGE FOR 4-6 HOURS BEFORE CONTINUING USE.**

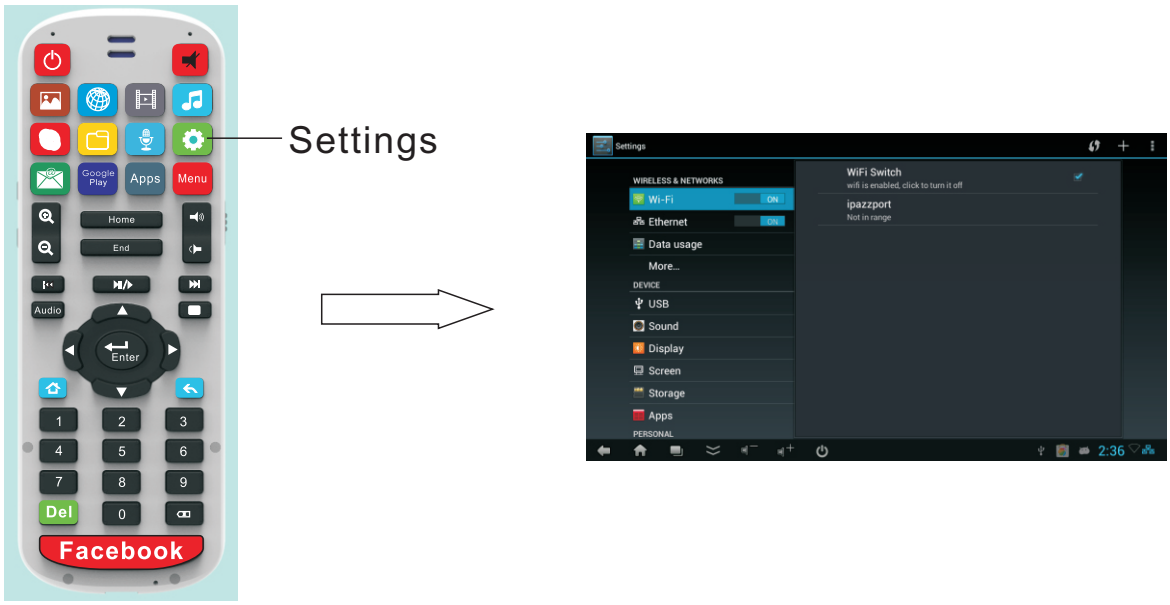


Connecting the Pearl to the Internet via Wired Connection:

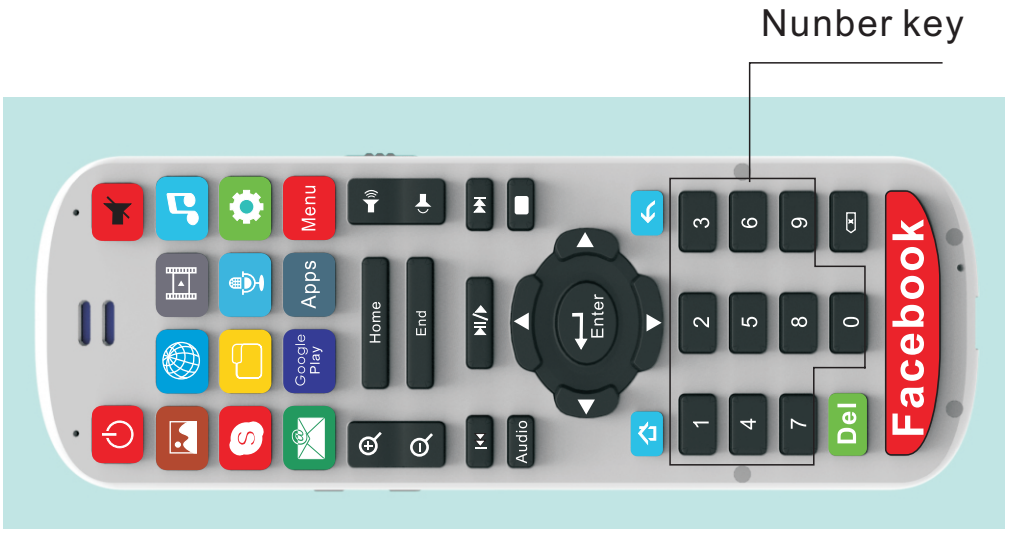
If you are using a wired connection, simply plug one end of an RJ 45 cable (NOT supplied) into your router or modem and the other end into Port # 6

Connecting the Pearl to the Internet via WiFi Connection:

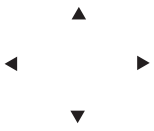
1. On the Remote side of the Pearl keyboard, press the “Settings” button, which is the green button shown below.
2. Once in the “Settings” page, ensure that “Wi-Fi” is turned to “on”. Available networks should populate on the right side of the screen. If they do not, simply press the “refresh” button on the top right of the screen.
3. Next, select the name of the network you would like to connect to. Click once on the name and enter a password if necessary.
4. In the lower left hand corner, a “Wi-Fi” icon will appear and your clock will automatically be adjusted to the current time.



Operation of the “Remote Side”



Button	Function	Operation
	Enter standby or Start from standby	Press this button
	Mute	Press this button
	Open the “Picture” App	Press this button
	Open the “Browser” App	Press this button
	Open the “Video” App	Press this button
	Open the “Music” App	Press this button
	Open the “Skype” App	Press this button
	Open the “File Directory”	Press this button
	Open the voice search	Press this button
	Open the settings	Press this button
	Open the “Email”App	Press this button
Google play	Open the Google Play Store	Press this button
Apps	Open the All Apps Menu	Press this button
Menu	Open the menu of Current Page	Press this button
	Zoom in	Press this button
	Zoom out	Press this button
Home	Page Home	Press this button

Button	Function	Operation
End	Page End	Press this button
	Volume up	Press this button
	Volume down	Press this button
	Previous/Rewind	Press this button
	Stop/play	Press this button
	Next/Fast Forward	Press this button
Audio	ON/OFF voice	Press this button
	Repeat	Press this button
	Cursor up,down,left, right	Press Corresponding button
Enter	Enter	Press this button
	Return to Home page	Press this button
	Back to previous page	Press this button
Del	Delete	Press this button
	Backspace	Press this button
Facebook	Opens Facebook	Press this button

Operating the Touch Pad:

- The Touchpad is multi-directional and can easily be switched from a horizontal to vertical orientation depending on your needs.
- To switch direction, press and hold the “Fn” and “ESC” keys together.
- The Touchpad is Multi-touch and recognizes finger gesture combinations to perform various actions.

➢ Hold and Drag

➢ Double Click

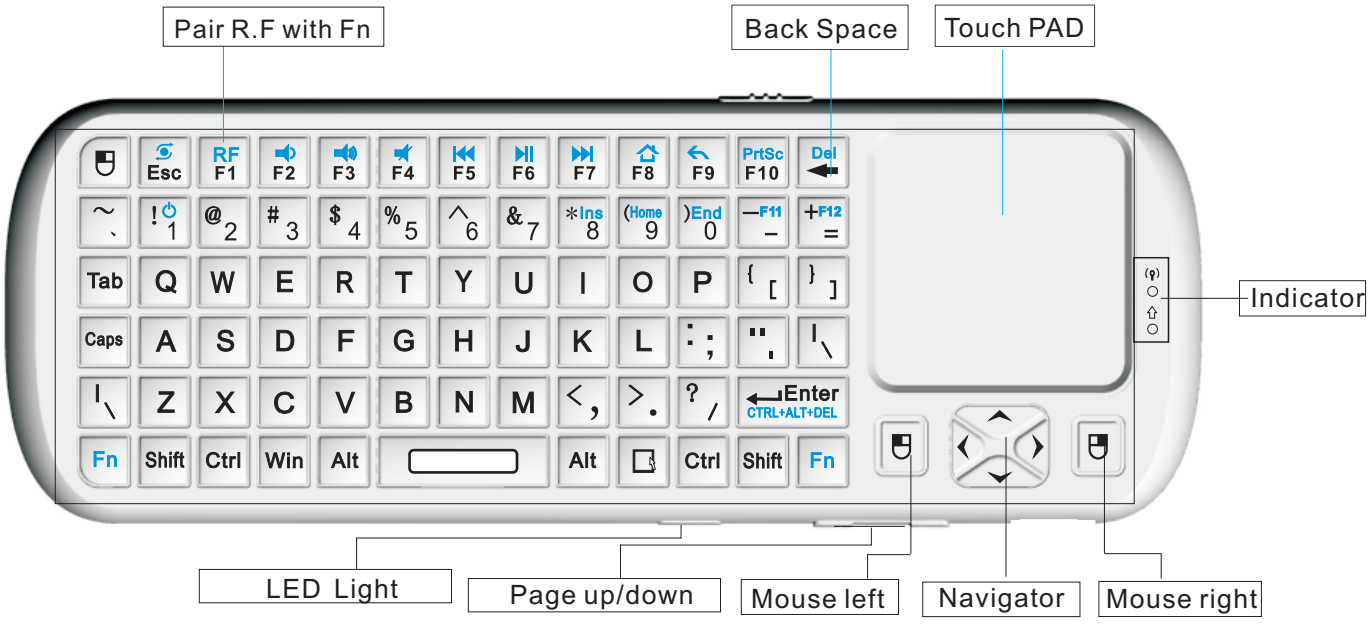
➢ Scroll Up/Down

➢ Scroll Left/Right

➢ Right Click

- The Bottom edge of the touchpad will also scroll left to right with one finger operation.

Operation of the “Keyboard Side”



Item	Function	Operation
	Mouse left	Press to operate like left mouse key
	Mouse right	Press to operate like right mouse key
R.F	Key R.F	Press to pair keyboard and USB receiver
	Cursor	move cursor up, down, left,and right
	Page up	Press to scroll page up
	Page down	Press to scroll page down
Touchpad	Mouse	move finger on touch pad to operate cursor
Indicator		Recharge indicator, off when fully charger
		Light up when fully recharged
		Flash when signal transited
		Light up when switch to Caps lock input
	Light	Operates the LED Light

Using the Function “Fn” Key For Additional Features:

Item	Function	Operation
Fn (either end of bottom row)	Works with the secondary function of other keys	Press Fn and any key with blue secondary function
	Change operation directions	Press “Esc” and “Fn” together
	Enter standby or Start from standby	Press “1” and “Fn” together
RF	Key RF	Press “F1” and “Fn” together
	Volume down	Press “F2” and “Fn” together
	Volume up	Press “F3” and “Fn” together
	Mute	Press “F4” and “Fn” together
	Previous	Press “F5” and “Fn” together
	Stop	Press “F6” and “Fn” together
	Next	Press “F7” and “Fn” together
	Return to main page	Press “F8” and “Fn” together
	Back to previous page	Press “F9” and “Fn” together
PrtSc	Print screen	Press “F10” and “Fn” together
Del	Delete	Press “ ← ” and “Fn” together
Home	Home	Press “9” and “Fn” together
F12	F12	Press “=” and “Fn” together
F11	F11	Press “-” and “Fn” together
End	End	Press “0” and “Fn” together
Ins	Insert	Press “8” and “Fn” together
Ctrl+Alt+Del	Ctrl+Alt+Del	Press Fn+Enter together

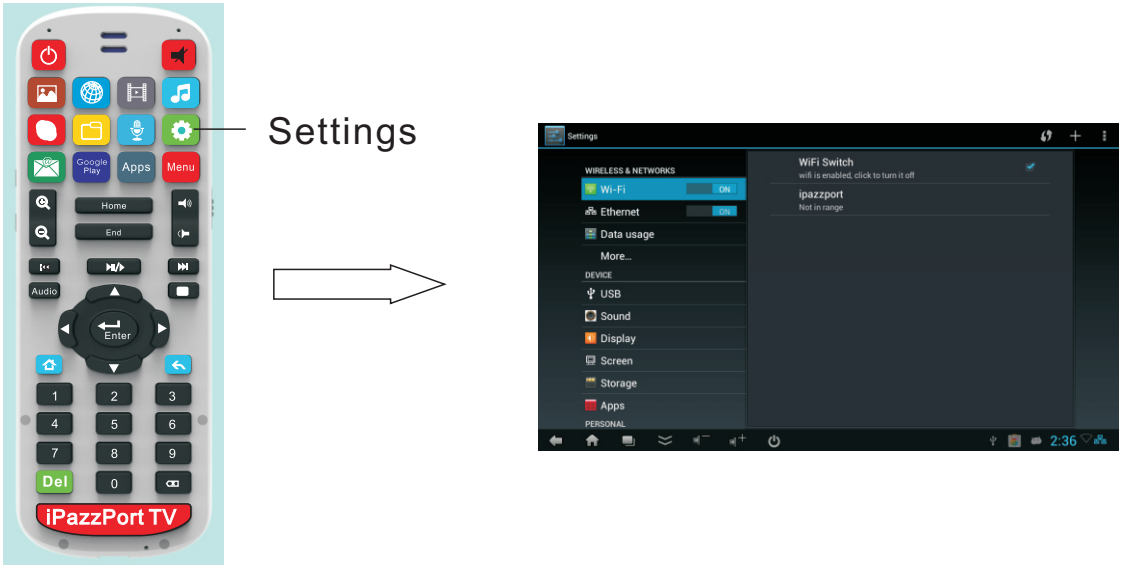
Installing and Setting Up Voice Search

Voice Search is a free from Google App that lets you speak your search queries instead of typing them. Follow these instructions to easily install Voice Search:

- Make sure your Pearl is connected to a TV and powered on as detailed previously.
- Open a browser and go to: http://www.google.com
- Once there, search for “Voice Search”
- Click the link for the Android 'Voice Search” App and follow the installation instructions.

Once Voice Search is installed, you may need to adjust your settings for your native language.

- Click the Green Hot Key for “Settings”, then select “Language & Input” and select your language from the first drop down window.

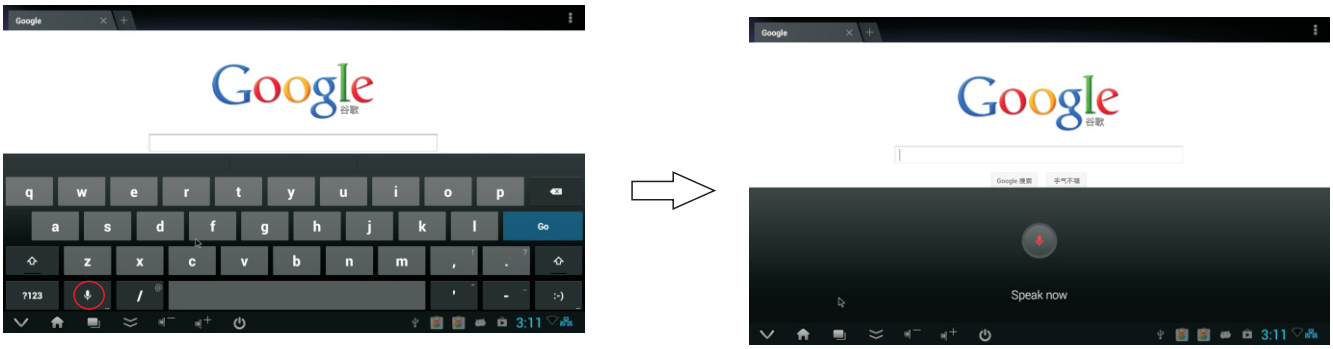


- Next, scroll down to Keyboard & Input Method and select “Google Voice Typing”

Using Voice Search

To activate Voice Search on your Keyboard, simply press the Voice/Audio button as shown below. This will now allow the Pearl to be used for speech to text, listening to music, and other voice and audio services.

With Voice Search, a microphone icon will appear next to search fields or anywhere else you would normally type a command or query. Just click the icon and a pop-up window will appear prompting you to speak.



Speak your search query, and the device will perform a search as if it were typed.

Note: Voice Search is new technology and is rapidly improving. Please be patient when using Voice Search and speak clearly and distinctly for the most accurate results. Don't forget to check http://www.google.com often for features updates.

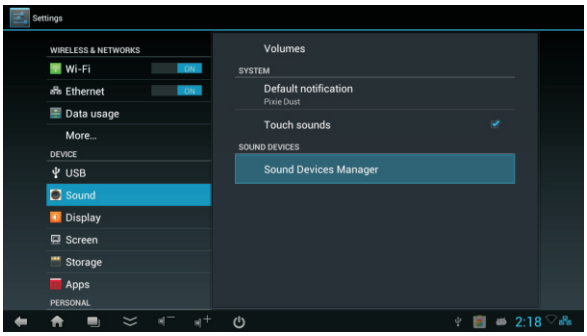
Using Voice Out

The Voice Out feature allows you to enjoy watching movies and listening to music with your iPazzPort Pearl without disturbing those around you. Follow the instructions below to use the Voice Out feature your device.

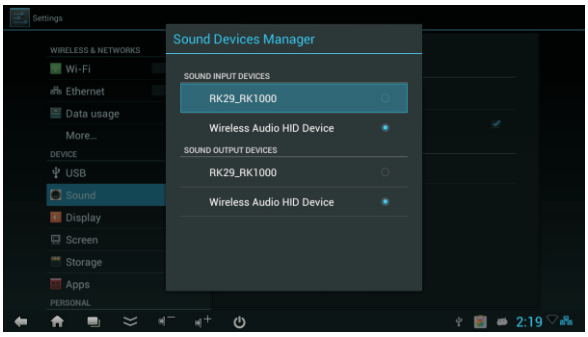
Note: For this feature to work, you must have an iPazzport voice keyboard and a pair of earphones.

Enabling Voice Out

1. Select **Settings** from the Home screen.
2. Go to **Sound > Sound Devices Manager**

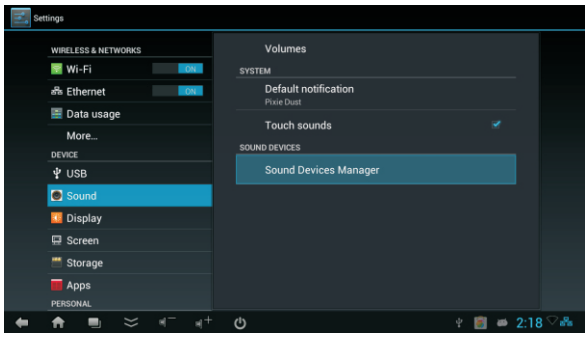


3. Under Sound Output Decive Menu Select **Wireless Audio HID Device**. Your device is now configured to transmit audio through your iPazzPort voice keyboard. **(Don't change the selection under sound devices menu.)**

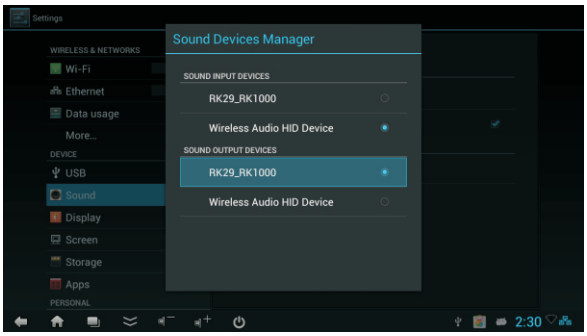


Disabling Voice Out

1. From the Home screnn, select **Sound > Sound Devices Manager**.



2. Under Sound Output Decive Menu Select **RK29-RK1000**. Your device is now configured to transmit audio. Through the computer or TV it is connected to. **(Don't change the selection under sound devices menu.)**



Audio and Video Playback

1. Your Pearl is able to play audio through either the keyboard or the command center. Audio converters are also available to direct audio through hi-fi stereo systems and stand alone speakers.

2. Internet Radio, demo video and other media content may be pre-installed on your Pearl. If not, or for additional content, a simple search in the "Google Play Store" will lead you to numerous entertainment options.To open or listen to installed audio or video content:

- Open the "Music" or "Video Player" App
- Select the file of your choice and click once to open it and begin playing.

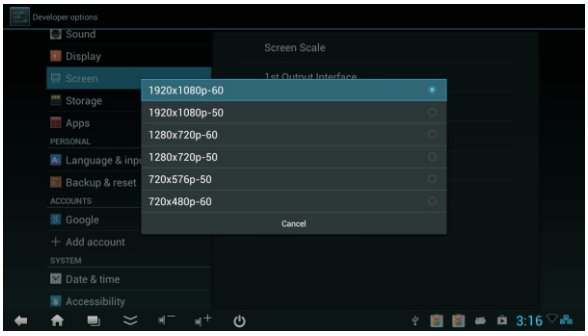
Audio/Video Controls

- When playing Video, you can use the play, pause, next and volume up/down keys of the keyboard to control the action.
- When the Keyboard is in your hand, the sound will play through the Keyboard.
- When the Keyboard is inserted in the charging Port, the sound will play through the Pearl Command Center base.
- The volume can be adjusted from the Keyboard whether it is in the base or in your hand.

Adjust Screen Resolution

If your TV screen is not full mapped when device is powered on, please do the following:

Settings ➡ Screen ➡ HDMI Mode ➡ Auto detecting.



Main Menu Toolbar Icons (at bottom of all screens)

Back to previous page or menu

Return to Home Page

Show and Hide all Open Apps

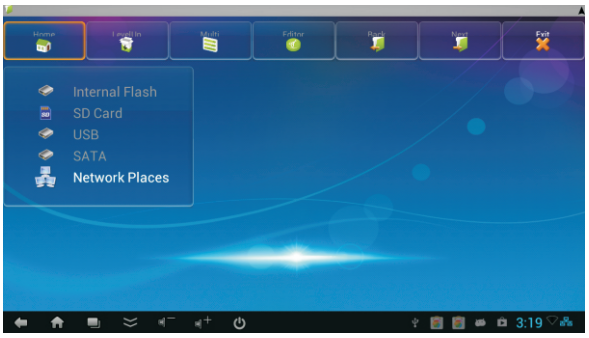
Hides Toolbar. To restore, move mouse to very bottom of screen, hold, then flick up on touchpad and release at the same time.

Volume Up and Down

Power Off

Document Management

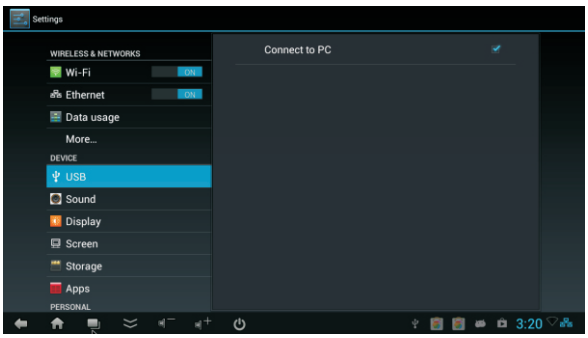
With the included Micro USB cord connecting the #8 port to a PC, you can copy documents and files between your Pearl and your PC.

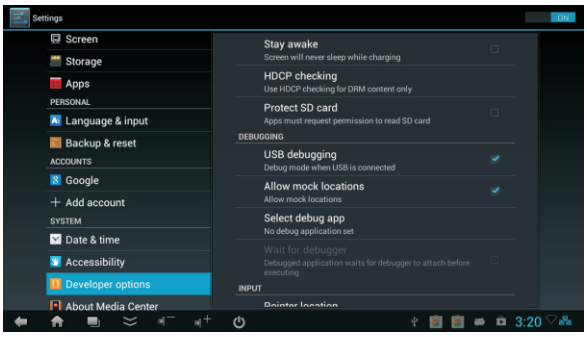


Connected to the computer

Keyboard click the "Settings" button to enter the "the setting interface" - "USB" -"Connect to PC" and "Developer Option"

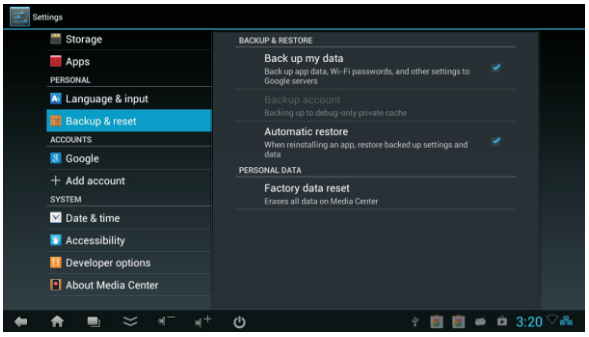
USB debugging must be checked on





System Restore

- System Restore Settings: If the Pearl has unrecoverable problems, you can select the System Restore Settings
- System setup instructions: Click the Keyboard "Settings" button, enter the "set interface" - "backup and Reset into the following interface:



Interface Functions Icons

WIRELESS & NETWORKS

- Wi-Fi: Select on/off
- Ethernet: Select on/off
- Data usage: System Statistics

DEVCE

- USB: Connected to the PC
- Sound: Volume control, sound output / input settings
- Display: Font size adjustment
- Screen: Adjust screen resolution & display output mode
- Storage: Display memory usage
- Apps: Manage All Applications

PERSONAL

- Language & input: Select the language, keyboard, input, voice and touchpad settings.
- Backup & reset: System Restore

ACCOUNTS

- Add Accounts to: Email, Facebook, Skype, Google etc.

- Date & time Adjustment
- Accessibility
- Developer options
- About Media Center: Provides the equipment hardware and software information

Technical Specs:

- 2.4 GHz Wireless Voice keyboard/remote with up to 33 ft. Range
- Built-in 802.11 N Wifi and Ethernet Port
- Powerful Dual Core 1.6GHz Processor
- 2 Megapixel Camera
- 1080P HD Video
- 1G DDR3 Memory
- 4G Flash Memory expandable to 20G via SD Card slot
- Keyboard is 6.25” L x 2.25” W x .5” H & weighs only 4 oz.
- Rechargeable Lithium Ion Battery with 400mA capacity
- Charge Voltage: DC 5V/300mA
- Upto 400 Hours
- Working Voltage: 3.3V
- Power Supply:5V/2A